

## **COMPLETE SET OF PENDING CLAIMS**

1. An auto-improving display flicker method, comprising the following steps:
  - detecting the display flicker level and producing a detection voltage;
  - comparing the detection voltage with a predetermined voltage; and
  - automatically switching to a predetermined display flicker processing technique if the detection voltage is greater than the predetermined voltage.
2. The method of Claim 1, wherein the predetermined display flicker processing technique is one, other than currently used, selected from the group of dot inversion, line inversion, column inversion, n line inversion and n column inversion.
3. The method of Claim 2, wherein the magnitude of the detection voltage is varied depending on the predetermined display flicker processing technique to be selected.
4. The method of Claim 2, wherein the magnitude of the predetermined voltage is adjustable according to the predetermined display flicker processing technique to be selected.

5. The method of Claim 1, wherein a liquid crystal display (LCD) is selected as the display.

6. An auto-improving display flicker system, comprising:

a display circuit for supplying a signal pattern;

a detecting device for detecting the signal pattern and outputting a detection voltage;

a comparator for comparing the detection voltage with a predetermined voltage and outputting a switch control signal when the detection voltage value is greater than the predetermined voltage value; and

a video and timing control unit for switching the switch control signal into a predetermined display flicker processing technique.

7. The system of Claim 6, wherein the detecting device comprises a bandpass filter and a rectifier.

8. The system of Claim 6, wherein the predetermined display flicker processing technique is one, other than currently used, selected from the group of dot inversion, line inversion, column inversion, n lines inversion and n columns inversion.

9. The system of Claim 8, wherein the magnitude of the detection voltage is varied depending on the predetermined display flicker processing technique to be selected.

10. The method of Claim 8, wherein the magnitude of the predetermined voltage is adjustable according to the predetermined display flicker processing technique to be selected.

11. The system of Claim 6, wherein the predetermined voltage is inputted by an adjustable device.

12. The system of Claim 11, wherein the adjustable device is any active device able to be regulated.

13. The system of Claim 11, wherein the adjustable device is any passive device able to be regulated.

14. The system of Claim 6, wherein the display is a LCD.